

AMENDMENTS TO THE CLAIMS:

This Listing of Claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-18. (Canceled)

19. (Currently amended) A method for regenerating denox catalyst having an the regeneration of denox catalysts with an elevated SO₂/SO₃ conversion rate by the accumulation of iron compounds thereon, comprising the steps of:

treating the denox catalyst with a substantially aqueous acidic solution with an addition of at least one antioxidant, wherein at least one inorganic or organic acids are acid is used as acid which are to confer acidity and the at least one acid is selected from the group consisting of H₂SO₄, HCl, H₃PO₄, HNO₃, oxalic acid, citric acid, malonic acid, formic acid, chloroacetic acids acid, benzole and benzene sulfonic acid ~~or mixtures of these acids~~, and wherein the at least one antioxidant is selected from the group consisting of substituted phenols, hydroquinones, catechols, ~~and/or~~ aliphatic mercapto compounds, araliphatic mercapto compounds, ~~or~~ aromatic mercapto compounds, dithiocarbonates, hydroxycarboxylic acids, enediols, ~~and/or~~ phosphites, and phosphonates, including salts, esters and metal complexes thereof; ~~under such conditions that regeneration of and~~

removing at least a portion of the iron compounds accumulated on the denox catalysts is effected catalyst so as to regenerate the denox catalyst.

20. (Currently amended) The method according to claim 19, ~~characterized in that~~ wherein the aqueous acidic solution has a pH of 0.5 to 4.0.

21. (Currently amended) The method according to claim 19, ~~characterized in that~~ wherein the aqueous acidic solution contains at least one enediol selected from the group consisting of ascorbic acid ~~and/or~~ and isoascorbic acid ~~is/are used~~.

22. (Currently amended) The method according to claim 19, ~~characterized in that~~ wherein the aqueous acidic solution contains at least one anionic, cationic, amphoteric, non-ionic or zwitterionic surfactants are additionally used surfactant.

23. (Currently amended) The method according to claim 19, ~~characterized in that~~ wherein the antioxidant content is 0.2 to 2.0 wt. %.

[[23]]24. (Currently amended) The method according to claim 19, ~~characterized in that the treatment takes place in the reaction solution consisting of acid and antioxidants at temperatures~~ wherein treatment is at a temperature of from [[the]] ambient temperature to 100°C.

[[24]]25. (Currently amended) The method according to claim 19, ~~which comprises the further step of~~ further comprising moving the catalyst, ~~in the reaction solution during the exposure time and/or maintaining the reaction solution, in movement or both, during treating.~~

[[25]]26. (Currently amended) The method according to ~~claim 24~~ claim 25, ~~characterized in that the~~ wherein the catalyst is moved by lifting, ~~and/or the reaction solution is maintained in movement~~ moved by agitation or recirculation, or both the catalyst and solution are moved by lifting and agitation or recirculation, respectively.

[[26]]27. (Currently amended) The method according to claim 19, ~~which further comprises the step of~~ further comprising treating the catalyst with an ultrasonic treatment or treating the catalyst with low-frequency oscillations in the ~~reaction~~ solution or both.

[[27]]28. (Currently amended) The method according to ~~claim 26~~ claim 27, wherein the catalyst is treated with a low-frequency oscillation in a range from approximately 20 to 1000 Hz or ultrasound in a range from 10,000 to 100,000 Hz ~~is used.~~

[[28]]29. (Currently amended) The method according to ~~claim 26~~ claim 27, wherein the ~~primary~~ treatment with ~~reaction~~ solution and the ultrasonic treatment are carried out successively in separate basins.

[[29]]30. (Currently amended) The method according to claim 19, ~~which comprises the further step of~~ further comprising subjecting the catalyst to a mechanical pretreatment so as to remove ~~fine dust, and/or~~ subjecting the catalyst to a pretreatment with water, or both.

[[30]]31. (Currently amended) The method according to claim 19, ~~which comprises the further step~~ further comprising, after the treatment with ~~reaction~~ solution, [[of]] washing the catalyst with water, and drying the catalyst.

[[31]]32. (Currently amended) The method according to ~~claim 30~~ claim 31, ~~which comprises the further step~~ further comprising, after drying, ~~of~~ re-impregnating [[the]] activator elements ~~with water-soluble compounds~~ into the denox catalyst.